

# Ender Sari

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## EDUCATION

- **École polytechnique fédérale de Lausanne (EPFL)** Lausanne, Switzerland  
*MSc in MTE (Data Science minor); Excellence Fellowship (merit-based, top ~1%)* Sep. 2024 – Present
- **Sabancı University** Istanbul, Turkey  
*MSc in Industrial Engineering; GPA: 3.95 /4.00 (Full Scholarship, 1<sup>st</sup> rank)* Sep. 2020 – Sep. 2022
- **Sabancı University** Istanbul, Turkey  
*BSc in Industrial Engineering; GPA: 3.93/4.00 (Full Scholarship, 1<sup>st</sup> rank)* Sep. 2016 – Jan. 2020

## EXPERIENCE

### Yandex Search Turkey

Istanbul, Turkey

#### Data Scientist

Sep. 2024 - Sep. 2025

- **Business Case:** Identified gaps in user satisfaction and search behavior to drive product improvements, enhance search quality, the search engine results page (SERP), and increase retention of users.
- **Contribution:** Built an offline search quality evaluation pipeline, analyzed large-scale search logs to model user intent, tracked key KPIs (DAU, CTR), and delivered data-driven insights that informed SERP, feature decisions, and experiment design using Python and SQL.

### Afiniti - Research & Development

Istanbul, Turkey

#### Data Scientist

Sep. 2022 - Sep. 2024

- **Business Case:** Developed and monitored product recommendation models to increase sales revenue by collaborating with research scientists and data engineers.
- **Contribution:** Enhanced model performance data analysis and feature engineering. Applied A/B testing and bootstrapping to refine modeling metrics, resulting in a 5% increase in sales revenue.

### Sabancı University

Istanbul, Turkey

#### Teaching Assistant

Sep. 2016 - Sep. 2022

- **Contribution:** Provided instructional support for undergraduate courses in Decision Analysis, Stochastic Models in Operations Research, Operations Research I–II, Machine Learning (Summer School), and others in quality, planning, production, and simulation.

### Brisa Product Supply Planning

Istanbul, Turkey

#### Data Scientist

Sep. 2020 - Sep. 2022

- **Business Case:** Developed processes to determine finished goods inventory levels and associated production decisions for a tire manufacturer.
- **Contribution:** Conducted data analysis, feature engineering, and clustering. Developed a scoring-based approach using machine learning for SKU prioritization. Implemented the new process, resulting in a 20% improvement in inventory efficiency and reduced excess inventory.

### Unilever - Chain Reaction Project

Istanbul, Turkey

#### Data Analytics

Sep. 2018 - Aug. 2020

- **Business Case:** Improved inventory management and forecasting accuracy.
- **Contribution:** Researched the impact of human intervention on ML-based forecasting models, optimizing methodologies by combining human expertise with algorithmic insights.

## SKILLS & INTERESTS

- **Languages & Tools:** Python, R, C++, SQL, Git, Docker
- **Frameworks:** Pandas, Numpy, PyTorch, Sklearn, Shap, XGBoost, Plotly, Streamlit, Selenium, Gurobi
- **Interests:** Machine Learning, Statistics, Hyrox, CrossFit, Calisthenics, Nutrition